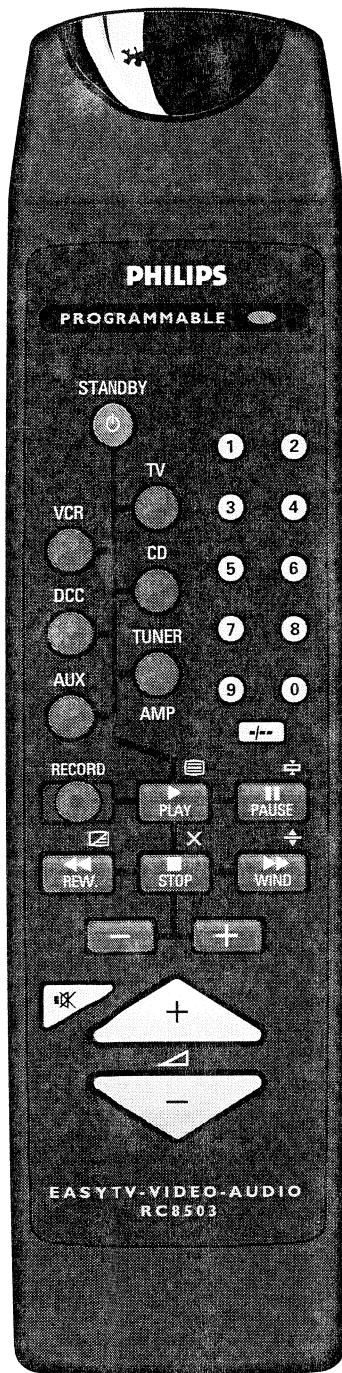


RC 8503

## EASY PROGRAMMABLE REMOTE CONTROL



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# PHILIPS

## 1. INTRODUCTION

The Philips RC 8503 easy programmable remote control is a multi-system unit designed to replace up to 7 remote controls. The Philips RC 8503 has only the most commonly used functions. The functions indicated in this booklet are only our recommended functions. Every key is fully programmable, allowing you to customize the remote control to your exact requirements.

The Philips RC 8503 has been engineered to control most brands of infra-red remote controlled devices.

Please read this instruction booklet carefully before using your new Philips easy programmable remote control.

Your Philips RC 8503 has already been pre-programmed to most Philips RC5 codes at our factory. This means that if you are the owner of most Philips equipment produced after 1980, it may not be necessary for you to teach your remote control the pre-programmed functions in this booklet.

Keep in mind that every key is fully programmable, and you have the possibility to customize by adding or deleting functions.

### SPECIAL FEATURES

- Unique patented multicolour LED status indicator.
- 30 minute memory retention after removal of batteries.
- Ergonomic design.
- Battery level indicator
- Easy program system
- Most commonly used functions
- Clear and simple key layout

### WARNING

- Insert new batteries before use.
- To ensure that all programmed commands are not lost, please replace the batteries as soon as the indicator flashes red.
- Never allow the remote control to be left without batteries for more than 30 minutes or all programmed commands will be lost.
- If both batteries are inserted with incorrect polarity all programmed commands will be lost (this will not damage the unit).

## 2. THREE COLOUR LED INDICATOR

The Philips RC 8503 has two modes of operation:

### 1. NORMAL MODE:

During normal operation the LED indicator is not illuminated until a key is pressed.

When a key is pressed the following indications will appear.

*Flashing green:* this indicates that a command is being sent by your RC 8503.

*Flashing green with red:* this indicates that the battery level is beginning to decrease. As the battery level decreases the indicator will start to turn more red. However, the remote control can still function for several days, depending on the usage.

*Flashing red:* this indicates that it is time to replace your batteries.

*No indication:* remote is on standby until a key is pressed.

### 2. LEARN MODE:

*Steady orange:* your RC 8503 is now in learn mode.

*Flashing orange:* your RC 8503 is waiting to receive the command it must learn.

*Steady green:* your RC 8503 has successfully learnt the new command.

*Steady red:* your RC 8503 did not successfully learn the new command.

*Alternating red, orange, green:* the memory of your SBC 8503 is full and the last learnt command has not been stored.

See 'IMPORTANT INFORMATION'.

## 3. LEARN T.V. MODE

1. Ensure that you have the remote control you wish to replace.
2. Place both controls on a flat surface front to front approximately 2 cm from each other.
3. Press **⏻** & **TV** mode keys on your RC 8503 at the same time.
  - Now the LED indicator will glow orange.
4. Press and release the key on the RC 8503 that you wish to teach.
  - Now the indicator will flash orange.
5. Press and hold the corresponding key on the remote control that you must learn from until the indicator turns red or green; then release the key.
  - Now the indicator will glow orange again (ready for the next command).
6. If the indicator turned green during step 5, proceed to step 7. If the indicator turned red during step 5, then repeat steps 4 & 5. If the indicator continues to turn red refer to 'HELP SECTION'.
7. Now repeat steps 4 & 5 for the keys:  
**STANDBY, TV, 1-0, ←, →, +, ⏻** and **+ ↙ ↘**.
8. After you have successfully learnt the recommended functions you must push any two keys at the same time to return to the normal operating mode.



Be sure to learn your 'power on' command under the **TV** mode key.

## 4. LEARN VCR MODE

1. Ensure that you have the remote control you wish to replace.
2. Place both controls on a flat surface front to front approximately 2 cm from each other.
3. Press the **⏻** & **VCR** mode keys on your RC 8503 at the same time.
  - Now the LED indicator will glow orange.
4. Press and release the key on your RC 8503 that you wish to teach.
  - Now the indicator will flash orange.
5. Press and hold the corresponding key on the remote control that you must learn from until the indicator turns red or green; then release the key.
  - Now the indicator will glow orange again (ready for the next command).
6. If the indicator turned green during step 5, proceed to step 7. If the indicator turned red during step 5, then repeat steps 4 & 5. If the indicator continues to turn red refer to 'HELP SECTION'.
7. Now repeat steps 4 & 5 for the keys:  
**STANDBY, VCR, 1-0, RECORD, PLAY, PAUSE, REW, STOP, WIND, —** and **+**.
8. After you have successfully learnt the recommended functions you must push any two keys at the same time to return to the normal operating mode.



Be sure to learn your 'power on' command under the **VCR** mode key.

## 5. LEARN CD MODE

1. Ensure you have the remote control that you wish to replace.
2. Place both controls on a flat surface front to front approximately 2 cm from each other.
3. Press the  & **CD** mode keys on your RC 8503 at the same time.
  - Now the LED indicator will glow orange.
4. Press and release the key on your RC 8503 that you wish to teach.
  - Now the indicator will flash orange.
5. Press and hold the corresponding key on the remote control that you must learn from until the indicator turns red or green; then release the key.
  - Now the indicator will glow orange again (ready for the next command).
6. If the indicator turned green during step 5, proceed to step 7. If the indicator turned red during step 5, then repeat steps 4 & 5. If the indicator continues to turn red refer to 'HELP SECTION'.
7. Now repeat steps 4 & 5 for the keys: **STANDBY, CD, PLAY, PAUSE, STOP** — and .
8. After you have successfully learnt the recommended functions you must push any two keys at the same time to return to the normal operating mode.


Be sure to learn your 'power on' command under the **CD** mode key.


## 6. LEARN DCC MODE

1. Ensure that you have the remote control you wish to replace.
2. Place both controls on a flat surface front to front approximately 2 cm from each other.
3. Press the  & **DCC** mode keys on your RC 8503 at the same time.
  - Now the LED indicator will glow orange.
4. Press and release the key on your RC 8503 that you wish to teach.
  - Now the indicator will flash orange.
5. Press and hold the corresponding key on the remote control that you must learn from until the indicator turns red or green; then release the key.
  - Now the indicator will glow orange again (ready for the next command).
6. If the indicator turned green during step 5, proceed to step 7. If the indicator turned red during step 5, then repeat steps 4 & 5. If the indicator continues to turn red refer to 'HELP SECTION'.
7. Now repeat steps 4 & 5 for the keys: **STANDBY, DCC, RECORD, PLAY, PAUSE, REW, STOP, WIND, —** and .
8. After you have successfully learnt the recommended functions you must push any two keys at the same time to return to the normal operating mode.




• Be sure to learn your 'power on' command under the **DCC** mode key.

## 7. LEARN TUNER/AMP MODE

1. Ensure that you have the remote control you wish to replace.
2. Place both controls on a flat surface front to front approximately 2 cm from each other.
3. Press the  & **TUNER/AMP** mode keys on your RC 8503 at the same time.
  - Now the LED indicator will glow orange.
4. Press and release the key on your RC 8503 that you wish to teach.
  - Now the indicator will flash orange.

5. Press and hold the corresponding key on the remote control that you must learn from until the indicator turns red or green; then release the key.
  - Now the indicator will glow orange again. (ready for the next command)
6. If the indicator turned green during step 5, proceed to step 7. If the indicator turned red during step 5, then repeat steps 4 & 5. If the indicator continues to turn red refer to 'HELP SECTION'.
7. Now repeat steps 4 & 5 for the keys: **STANDBY, TUNER/AMP, 1-0, +, —** and .
8. After you have successfully learnt the recommended functions you must push any two keys at the same time to return to the normal operating mode.

Be sure to learn your 'power on' command under the **TUNER/AMP** mode key.


If you have a separate tuner & amplifier, please learn the tuner functions under the keys mentioned above & the amplifier functions under the keys  and  .

## 8. IMPORTANT INFORMATION


### MEMORY FULL:

- Indicated by the LED indicator flashing red, green or orange for 10 seconds.
- After 10 seconds the unit returns to the normal operation mode.
- When the memory is full you cannot learn additional new commands, and the last learnt command has not been stored.
- When the memory is full it is still possible to re-learn commands if required.

### DELETING ALL COMMANDS WITHIN A MODE:

- This should be done before learning new commands if a new device is to be controlled. This is done by pressing the , **STANDBY** and corresponding mode keys at the same time (only the commands in that mode will be deleted).

*Example:*

- If you have a new TV and the remote control will not function simply press the , **STANDBY** & **TV** keys at the same time.
- Now follow the instructions in the 'LEARN TV' section to re-learn the new commands. To delete a single command re-learn it.

### TELETEXT FUNCTIONS:

Text functions should be learnt in the TV mode using the video function keys, indicated by the text symbols on the remote control.

### Text symbols:

Text on off = ;  
Text hold = ;  
Text mix = ;  
Text cancel = ;  
Text enlarge = .

### AUX MODE:

- This can be used for any other infra-red controlled device.
- If in learn mode no keys are pressed, after 1 minute the unit returns to normal operation mode.
- If a mode key is pressed for less than 0.5 seconds, no command will be transmitted by the remote control. Only the remote control will change modes internally.

**SOURCE SELECTION KEYS:**  
With the **VCR**, **DCC**, **AUX**, **TV**, **CD** and **TUNER/-AMP** keys you can select the corresponding source:

- Press *more than 0.5 seconds*.  
– The required source will be selected while the current source is switched off.
- Press *less than 0.5 seconds*.  
– The required source will be selected while the current source remains active.  
*Example:* If you press **VCR** and **REWIND** (less than 0.5 seconds) while listening to a CD, the sound will not be interrupted while the tape is being rewind.

**9. HELP SECTION**

**PROBLEM**  
– Remote control does not function.

**POSSIBLE CAUSES**  
– Batteries are flat or inserted incorrectly.  
– Learnt commands have been lost due to flat batteries.  
– Your RC 8503 is in the wrong mode.  
– You have not learnt the codes that you are trying to transmit.

**REMEDY**  
• Check the mains power of the devices you are trying to control.  
• Ensure that you are within 7 metres of your AV equipment.

**PROBLEM**  
– Remote control will not learn commands.

**POSSIBLE CAUSES**  
– Direct sunlight or strong light is entering the sensor windows.  
– The signal trying to be learnt is not infra-red signal.

**REMEDY**  
• Check that sensor windows of both remote controls are clean.  
• Ensure that new batteries are in both remote controls.  
• Ensure distance between remote controls is 2 cm.

**PROBLEM**  
– Your AV equipment reacts differently each time the same button is pressed.

**REMEDY**  
• Check your AV equipment with the original remote control.  
• Check that the battery indicator is not flashing red: If yes, replace batteries.  
• Check the learnt command with the remote control you're replacing and re-learn if necessary.

**10. SPECIFICATIONS**

**OPERATING SYSTEM:** Universal infrared learnable remote control system.  
**MEMORY CAPACITY:** 120 commands  
**MEMORY RETENTION TIME WITHOUT BATTERIES:** 30 minutes minimum  
**EFFECTIVE RANGE:** 7 metres  
**EFFECTIVE ANGLE:** +/- 30 degrees  
**INFRA-RED CARRIER FREQUENCY RANGE:** Modulated carrier systems. 17-70 kHz  
**POWER REQUIREMENTS:** 2 x AAA/R03 batteries  
**AVERAGE BATTERY LIFE:** 20 hours continuous operation; 1 year normal operation  
**DIMENSIONS:** L = 215 x W = 55 x H = 28 mm  
**WEIGHT WITHOUT BATTERIES:** 110 gr

**F Français**

**1. INTRODUCTION**

La télécommande Philips RC 8503 'easy learnable' est une télécommande multisystème conçue pour remplacer jusqu'à 7 télécommandes. La télécommande Philips RC 8503 ne possède que les fonctions les plus couramment utilisées. Les fonctions indiquées dans ce livret ne sont que celles que nous conseillons. Toute touche peut être totalement assimilable. Vous pourrez ainsi adapter sur mesure la télécommande à vos exigences précises.

La télécommande Philips RC 8503 a été réalisée pour commander les appareils à télécommande infrarouge de la plupart des marques. Veuillez lire attentivement les présentes instructions avant de vous servir de votre nouvelle télécommande Philips 'easy programmable'.

Votre télécommande Philips RC 8503 a déjà été préprogrammée dans nos usines pour la plupart des codes Philips RC5. Cela signifie que si vous possédez du matériel Philips postérieur à 1980 vous n'aurez éventuellement pas à faire assimiler à votre télécommande les fonctions préprogrammées scitées dans le présent manuel.

Et n'oubliez pas ceci: chaque touche est totalement assimilable et votre télécommande pourra être personnalisée par adjonction et soustraction de fonctions.

**CARACTERISTIQUES SPECIALES**  
– Indicateur d'état à LED multicolore, brevet unique  
– Conservation en mémoire pendant 30 minutes après retrait des piles  
– Conception ergonomique  
– Indicateur de niveau de charge des piles  
– Système d'assimilation rapide  
– Fonctions les plus fréquentes  
– Configuration des touches simple et claire

**AVERTISSEMENT**  
• Introduire de nouvelles piles avant usage.  
• Pour vous assurer que toutes les commandes assimilées ne sont pas perdues, remplacer les piles dès que le voyant rouge clignote.  
• Ne laissez jamais la télécommande sans piles pendant plus de 30 minutes sinon les commandes assimilées disparaîtraient.  
• Si les deux piles ont été disposées avec une polarité incorrecte, toutes les commandes assimilées seront perdues. (Ceci n'endommagera nullement l'unité).

**2. VOYANT LED TRICOLORE**

La télécommande Philips RC 8503 a deux modes de fonctionnement:

**1. MODE NORMAL**  
En fonctionnement normal, le voyant LED n'est pas éclairé tant qu'une touche n'a pas été enfoncée. Quand une touche a été enfoncée, le voyant LED donne différentes indications selon sa couleur: *Vert (clignotant):* Une commande est émise par votre télécommande RC 8503.  
*Vert clignotant avec rouge:* Ceci indique la baisse du niveau de la batterie. Le témoin deviendra de plus en plus rouge que le niveau de la batterie baissera. Cependant, la télécommande peut encore fonctionner pendant quelques jours, selon l'usage qui en est fait.  
*Rouge (clignotant):* Il est temps de changer les piles.  
*Aucune indication:* La télécommande est en veille jusqu'à ce qu'une touche soit enfoncée.